Approved For Release 2003/08/05 CIA RDP78T05161A000200010088-1 MAGERY ALYSIS IVISION PHOTOGRAPHIC INTELLIGENCE REPORT LATTICE TOWERS AT SOVIET MISSILE LAUNCH PADS **Declass Review by** NIMA/DOD 25) 25) CIA/PIR 61057

GROUP 1 Excluded from automatic grading and declassificati

DATE Nov 1965

COPY

Approved For Release 2003/08/05 : CIA-RDP78T05161A000200010088-1

RECO COPY			COPY NO.	PUB. DATE		LOCATION	l		MASTE	R	DATE RECEIVED	LOCATION					
□ I SAβprovedo For Releas				leas	e 2003/0	08/05 :	ČJX:	RDF	78T	<u>05161200200010088-</u>	MAXIMUM	8					
CUT TO COPIES ()			1-72	CUT TO COPIES	DATE				COPIES DESTROYED								
CUT TO COPIES			DATE	CUT TO COPIES		DATE											
CUT TO COPIES			DATE	MASTER		DATE											
DATE					NUMBER OF COPIES		DATE				NUMBER OF COPIES						
мо.	DAY	YR.	RECEIVED (	OR ISSUED	REC	'D ISS'D	BAL	MO.	DAY	YR.	RECEIVED OR ISSUED	REC*	D ISS'	D BAL			
8	30	68	Dist. Uni	t <b>#5</b> 2 <b>–</b> 59	8		8	<u> </u>									
6	19	72	ALL S	#52		-	<b>=</b>										
6	19	72	Dest 53	-59			0	W	K	G							
				<del>-</del>		-											
			****														
	1							1									
					$\dagger$												
					+			1									
										1							
					-								-				
							-	<del> </del>						<del>                                     </del>			
	377		——— А <del>ррг</del>	oved For Re	leas	e 2003/0	98/95 :	CIA.	RDF	78T	   <mark>5161A000200010088</mark> -	1		<u> </u>			
т і т і Х 1	E NI	710	PI	R61057		NOV.	1702	TS		3.	LOCATION	2512	29 L	<del>2</del> 5X			

DATE		İ	DESCRIVED OF LOCKET	NUMBER OF COPIES			DATE				NUMBER OF COPIES		
MO.	DAY	YR.	RECEIVED OR ISSUED		1ss'D						REC D	Iss'D	BAL
			Approved For Re	ease	2003/0	8/05 :	CIA	RDF	781	05161A000200010088-1	-		
			· · · · · · · · · · · · · · · · · · ·		<u> </u>							-	
				ļ							ļ		
				-								ļ	_
				ļ		<u> </u>							
		.											
				<del> </del>							-		
				-							ļ		
				-							<u> </u>		
					0000	0/05	014			7054044000000400004	+		
<del></del> TITL	E NF	PIC	Approved For Re	ease	Nov.	1965	CIA SEC	-KUL	'/8] ss.	05161A000200010088-1		I	
1		•	PIR61057			.,.,	TS		]	2008, 1018	25129	9	25

## 

CIA IMAGERY ANALYSIS DIVISION

/ (3.055
CIA/PIR-61057

## LATTICE TOWERS AT SOVIET MISSILE LAUNCH PADS

Lattice towers have been observed at various ICBM and space associated launch pads in the USSR. These towers appear both at the Tyuratam Missile Test Center and at deployed ICBM sites. This report deals with only one specific deployed site, Yurya F.

The towers are of steel lattice construction and are positioned diagonally across their associated pads. Figure 1 presents the probable structural configuration of the towers at the sites so specified. The towers at Tyuratam pads G-1 and G-2 each have an object located at the top, possibly an antenna of some type. These are the only towers with such an object visible. The function of these towers has not been determined.

The placement of the towers is similar, two towers to a pad, each located off opposite corners of the pad. Figure 2 shows the relationship of the towers to each of the launch pads covered in this report. Each pad has been arbitrarily given an orientation of zero degrees, regardless of its orientation to north. The bearing given for each tower is from this orientation. The heights of the towers and their distances from the center of their associated launch pads vary from one launch facility to another.

The following table gives the location of each tower, the bearing from the arbitrary pad orientation, the distance from the center of the pad, and the height of each.

Lattice Tower Specifications at Soviet Missile Launch Pads

Location of Pad	Orientation from Pad	Distance from Center of Pad	Tower Height
A-2 TT	150 degrees right	190 feet	155 feet
A-2 TT *A-4 TT	30 degrees left	90 feet	130 feet
B-l TT	115 degrees right	175 feet	220 feet
B-1 TT	65 degrees left	<u>175</u> feet	220 feet
E-1 TT	30 degrees right		

<sup>\*</sup> A-4 has no lattice towers of the type described in this report. There are three light standards, each 50 feet tall, located around the pad.

Approved For Release 2003/08/55(REA-RDP78T)5161A000200010088-1

CIA IMAGERY ANALYSIS DIVISION

CIA/PIR-61057

25X

25X

REQUIREMENT

c-si5-82,693

C-SI5-82,698

C-SI5-82,760

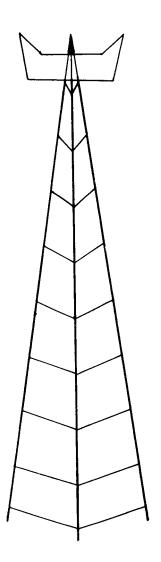
CIA/IAD PROJECT

30839**-**5

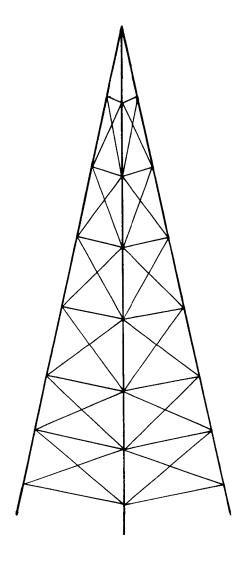
30843**-**5

30047-6

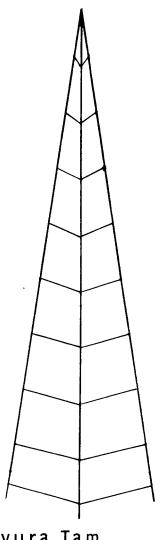
## Typical Configuration of Lattice Towers at Soft Launch Pads



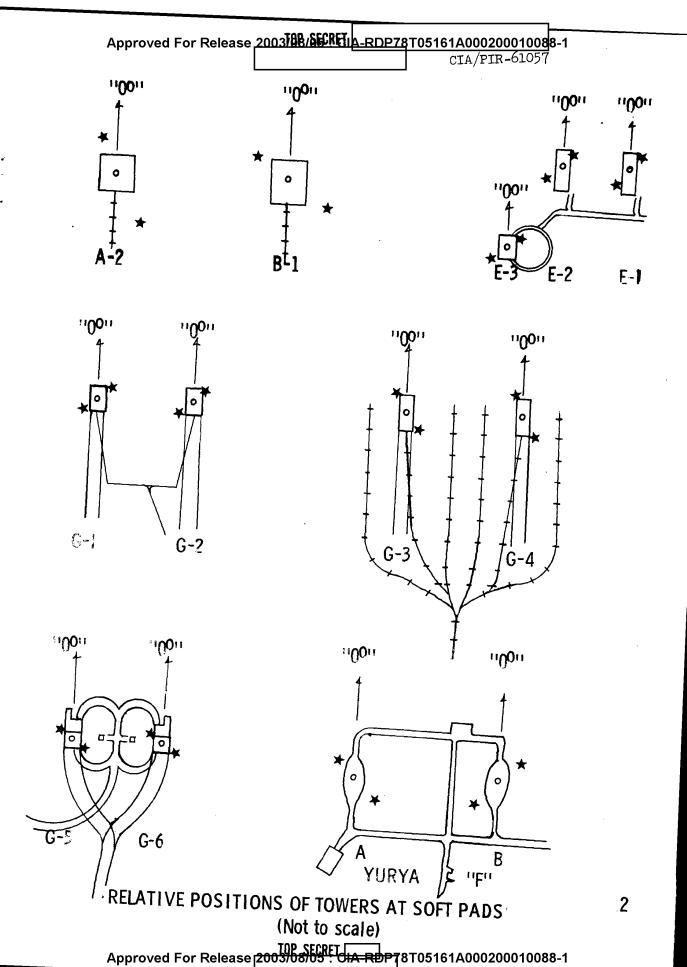
Tyura Tam Pads G-I, G-2



Tyura Tam Pads G-3, G-4



Tyura Tam
Pads B-I, E-I,2,3
G-5, G-6
Yurya F



5X1

## Approved For Release 2003/08/05 : CIA-RDP78T05161A000200010088-1